

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7	("4775310" "5015251" "5383872" "5518795" "5643651" "5669120" "6080347").PN.	US-PGPUB; USPAT	OR	ON	2004/11/20 11:44
S2	46872	velcro (hook! adj1 (loop! pile hook!)) ((touch! surface!) adj1 fastener)	US-PGPUB; USPAT	OR	ON	2004/11/19 16:24
S3	8817	(twist\$3 with (shear\$3 torque\$1))	US-PGPUB; USPAT	OR	ON	2004/11/19 16:25
S4	182	S2 and S3	US-PGPUB; USPAT	OR	ON	2004/11/19 17:00
S5	14725	velcro (hook! adj1 (loop! pile hook!)) ((touch! surface!) adj1 fastener)	EPO; JPO; DERWENT	OR	ON	2004/11/19 16:24
S6	2867	(twist\$3 with (shear\$3 torque\$1))	EPO; JPO; DERWENT	OR	ON	2004/11/19 16:24
S7	0	S5 and S6	EPO; JPO; DERWENT	OR	ON	2004/11/19 17:00
S8	18308	(twist\$3 with force)	US-PGPUB; USPAT	OR	ON	2004/11/19 16:59
S9	401	S2 and S8	US-PGPUB; USPAT	OR	ON	2004/11/19 16:26
S10	355	S9 not S4	US-PGPUB; USPAT	OR	ON	2004/11/19 16:26
S11	5237	(twist\$3 with force)	EPO; JPO; DERWENT	OR	ON	2004/11/19 16:59
S12	1	S5 and S11	EPO; JPO; DERWENT	OR	ON	2004/11/19 17:00
S13	75	S2 and centroid	US-PGPUB; USPAT	OR	ON	2004/11/19 17:05
S14	0	S5 and centroid	EPO; JPO; DERWENT	OR	ON	2004/11/19 17:05
S15	1031	604/389-391.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/20 13:11
S17	125	604/389-391.ccls.	EPO; JPO; DERWENT	OR	ON	2004/11/20 13:15
S18	952	24/442,306,450,452.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/20 13:40
S19	895	S18 not S15	US-PGPUB; USPAT	OR	ON	2004/11/20 13:16
S20	87	24/442,306,450,452.ccls.	EPO; JPO; DERWENT	OR	ON	2004/11/20 13:43
S22	896	428/100.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/20 13:58

S23	723	S22 not (S15 S18)	US-PGPUB; USPAT	OR	ON	2004/11/20 13:43
S24	63	428/100.ccls.	EPO; JPO; DERWENT	OR	ON	2004/11/20 14:00
S35	16	("3297026" "3577986" "3587570" "3797483").PN. OR ("3872860").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:20
S36	21	("0937354" "2050269" "2511182" "2583895" "2723663" "3380447" "3612046" "3720206" "3978853").PN. OR ("4565370"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:20
S37	7	("4235182").PN. OR ("4745870"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:21
S38	129	("0483663" "0819150" "2362410" "2489951" "2907365" "2964789" "3031730" "3085292" "3089191" "3114918" "3147528" "3175026" "3196196" "3196490" "3235438" "3241182" "3243339" "3312583" "3316592" "3317644" "3327627" "3369274" "3390044" "3394431" "3439383" "3445915" "3507010" "3555601" "3557407" "3590109" "3594863" "3594865" "3708833" "3729364" "3732600" "3735468" "3752619" "3758657" "3762000" "3917787" "3954368" "3988401" "4097634" "4162757" "4169303" "4289470" "4290174" "4323533" "4451421").PN. OR ("4775310"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:25
S39	44	("1885007" "2519712" "3000384" "3086529" "3190444" "3297026" "3376865" "3535718" "3543977" "3586001" "4149540" "4182338" "4273130" "4384583" "4414969" "4422455" "D254214").PN. OR ("5015251"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:25

S40	43	("1081245" "3458867" "3463147" "3575166" "3786804" "3804084" "4041940" "4120052" "4198708" "4494247" "4723322" "4953569" "5024216" "5086761" "D239220").PN. OR ("5255391"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:26
S41	39	("2181689" "2285612" "2397709" "2813526" "3020910" "3260261" "3351053" "3441027" "3462775" "3605731" "3817245" "4202327" "4475543" "4497315" "4508110" "4559933" "4574790" "4794916" "4901710" "4905678" "4957103" "5012798" "5038760" "5048542" "5072725" "5074288").PN. OR ("5295947").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:26
S42	89	("0569213" "0625022" "2717437" "3057354" "3130111" "3147528" "3397697" "3426400" "3461513" "3536518" "3550223" "3557407" "3562044" "3594863" "3594865" "3629032" "3643316" "3708382" "3943981" "4056593" "4169303" "4198734" "4285343" "4462784" "4532157" "4562099" "4589876" "4608047" "4672893" "4687478" "4699622" "4725221" "4776068" "4794028" "4846815" "4869724" "4876982" "4894060" "4900319" "4900320" "4917697" "4938835" "4963140" "4973326" "4984339" "4995873" "5019065" "5040275" "5053028" "5058247" "5116563" "5122219" "5131119" "5135522" "5180534").PN. OR ("5300058"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:26

S43	39	("2751598" "3512776" "3707730" "3728738" "4138108" "4198709" "4228548" "4408358" "5014689" "5058209" "5197149").PN. OR ("5313667"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:26
S44	39	("3618608" "4681580" "4801298" "4894060" "5019065" "5151092" "5176671").PN. OR ("5383872"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:26
S45	37	("2389690" "3042027" "3135256" "3164151" "3343532" "3397688" "3610235" "3916885" "4099523" "4520801" "4682588" "5060637" "5060661").PN. OR ("5403266"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:26
S46	29	("2343220" "2751598" "3152338" "3387306" "3394408" "3548414" "3863271" "4051552" "4329741" "4453275" "4514861" "4590627" "4691388" "4751750" "4882787" "5146627").PN. OR ("5423089").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:27
S47	10	("3266113" "4984339" "5040275").PN. OR ("5457856"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:27
S48	34	("3312583" "3594863" "3594865" "3758657" "3843760" "4097634" "4726975" "4784890" "4872243" "4931344" "4933224").PN. OR ("5518795"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:27

S49	43	("2181689" "2285612" "2397709" "2813526" "2828737" "3020910" "3260261" "3351053" "3441027" "3462775" "3605731" "3817245" "4202327" "4475543" "4497315" "4508110" "4559933" "4574790" "4794916" "4901710" "4905678" "4957103" "5012798" "5038760" "5048542" "5072725" "5074288" "5207636" "5267948" "5295947").PN. OR ("5569171").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:27
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S50	137	("0281760" "0595510" "0983093" "1212262" "1214261" "1342979" "1887913" "1954242" "1988868" "2144755" "2206223" "2435183" "2461201" "2487400" "2499898" "2558367" "2632894" "2717437" "2780261" "2879018" "2895753" "2926409" "3000658" "3009235" "3039340" "3054434" "3086899" "3101517" "3108924" "3173184" "3182345" "3192589" "3198228" "3263292" "3266113" "3335774" "3353663" "3369265" "3372442" "3408705" "3545048" "3577105" "3604145" "3618802" "3633642" "3689346" "3703739" "3730382" "3742663" "3780469" "3869764" "3899805" "3905174" "3955245" "4060089" "4093009" "4244683" "4329384" "4330590" "4374077" "4403692" "4452356" "4520943" "4533042" "4550362" "4576850" "4581792" "4646397" "4775219" "4819309" "4871623" "4875259" "4887339" "4959265" "4979613" "5040275" "5071363" "5076288" "5088164" "5097570" "5113555" "5201101" "5212855" "5344177" "5360270").PN. OR ("5634245"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:27
S51	6	("3267191" "5520983").PN. OR ("5643651").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:28

S52	56	("3387345" "3399425" "3555630" "3594863" "3594865" "3608035" "3758657" "4541154" "4592118" "4654246" "4931344" "4999067" "5142743" "5231738" "5260015" "5369852" "5393475" "5441687" "5512234" "5518795").PN. OR ("5669120").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:28
S53	15	("2386708" "2995282" "4139130" "4390014" "5122111" "5188586" "5205448" "5240156" "5274851" "5349706" "5387183" "5399151" "5551085").PN. OR ("5702042"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:28
S54	24	("2852779" "3105972" "3348238" "3532344" "3918097" "5022094" "5033120" "5088122" "5184353" "Re31538").PN. OR ("5742942").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:28
S55	44	("3031730" "3136026" "3214816" "3243339" "3261069" "3278152" "3372444" "3546754" "3557407" "3708833" "3913183" "4706914" "4709453" "4725221" "4775310" "4794028" "4872243" "4984339" "5058247" "5116563" "5300058" "5315740" "5325569" "5339499" "5505747" "5604963" "5620769" "5625930" "5669120").PN. OR ("5887320"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:33
S56	7	("4964860" "5066289" "5135522" "5151092" "5549593").PN. OR ("5971970"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:33
S57	16	("3848594" "4628709" "4699622" "4846815" "4869724" "4963140" "5032122" "5058247" "5116563" "5133112" "5300058" "5361462").PN. OR ("6080347").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:33

S58	23	("4617022" "4699622" "4704116" "4936840" "5226992" "5288546" "5516567" "5554143" "5593401" "5605735" "5624429" "5722127" "5769832" "5782819").PN. OR ("6099516").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:33
S59	5	("1541736" "4516774" "4964192" "5951418").PN. OR ("6135902").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:33
S60	22	("2104487" "2180346" "2184329" "2390462" "4004297" "4941237" "4987610" "5123120" "5182812" "5309608" "5343564" "5343565" "5515544" "5786062" "5888335" "5913480").PN. OR ("6185745").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:35
S61	18	("2104487" "2180346" "2390462" "4004297" "4941237" "5123120" "5182812" "5309608" "5343564" "5343565" "5515544" "5786062" "5888335" "5913480" "6233352").PN. OR ("6397393"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:35
S62	11	("0668408" "0770535" "2326776" "3845769" "4486965" "5271130" "5307569" "5699629").PN. OR ("6745500").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:36
S63	0	("2003/0009144").URPN.	USPAT	OR	ON	2004/11/20 14:36
S64	0	("2002/0138064").URPN.	USPAT	OR	ON	2004/11/20 14:36
S65	0	("2002/0138059").URPN.	USPAT	OR	ON	2004/11/20 14:37
S66	0	("2002/0123734").URPN.	USPAT	OR	ON	2004/11/20 14:37
S67	0	("2002/0016581").URPN.	USPAT	OR	ON	2004/11/20 14:37
S68	11	("3256882" "3592194" "4643730" "4699621" "5049145" "5151092" "5286112" "5624428" "5928212" "5987545").PN. OR ("6755809").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:37

S69	67	("20030004490" "3020613" "3387345" "3655855" "4643932" "4646397" "4663220" "4672722" "4704116" "4707893" "4776068" "4798603" "4850991" "4870725" "4881997" "4884323" "4920617" "4931344" "4937887" "5081748" "5176668" "5176672" "5180534" "5192606" "5226992" "5231738" "5326612" "5336545" "5369852" "5369853" "5401275" "5441687" "5473800" "5509915" "5515583" "5518795" "5531732" "5545159" "5554146" "5606781" "5624429" "5669901" "5695868" "5744080" "5759181" "5766723" "5782819" "5786061" "5789065" "5843056" "5846262" "5851205" "5868987" "5876531" "5897545" "5930875" "5942177" "5957908" "6007527" "6030373" "6102901" "6131251" "6149934" "6210389").PN. OR ("6730069").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:38
S70	32	("1201860" "2028602" "2839057" "3368562" "3727238" "3954107" "4247959" "4280230" "4327448" "4459705" "4475912" "4488317" "4555245" "4631062" "4663220" "4704116" "4745636" "4797955" "4808177" "4935021" "5052058" "5226992" "5435014" "5451217" "5476458" "5531732" "5546607" "5820620").PN. OR ("6652497").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:38

S71	13	("4663220" "5226992" "5399219" "5531732" "5540796" "5595618" "5624429" "5660666" "5716478" "5759317" "6022443" "6113717" "6149755").PN. OR ("6596107"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:38
S72	19	("3777759" "4044769" "4199646" "4699146" "4846828" "5156911" "5387450" "5589246" "5633010" "5648167" "5782787" "5876745" "5889118" "5921977" "6160200" "6166285" "6168583").PN. OR ("6565549"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:38

S73	191	("20020095131" "20020099353" "2957512" "3039466" "3277547" "3316139" "3319307" "3577607" "3694867" "3842832" "3842837" "3943981" "4051854" "4122552" "4145763" "4201203" "4205679" "4209563" "4244368" "4253461" "4259957" "4338938" "4402690" "4418123" "4446189" "4496360" "4516975" "4560381" "4581772" "4585447" "4610680" "4610682" "4615695" "4619649" "4623339" "4650483" "4655760" "4657802" "4662875" "4663220" "4699622" "4701170" "4701176" "4704116" "4705710" "4714096" "4718901" "4720415" "4725473" "4743239" "4756709" "4761318" "4770656" "4771483" "4789699" "4834742" "4847134" "4850988" "4850992" "4863785" "4894060" "4895569" "4923456" "4936840" "4938757" "4940464" "4963140" "5019073" "5032122" "5046272" "5062839" "5087253" "5104116" "5114781" "5116662" "5151092" "5176671" "5185052" "5224405" "5226992" "5242436" "5256231" "5315716" "5318555" "5326612" "5342341" "5370634" "5380313" "5383872" "5385775" "5399219" "5401275" "5407439" "5413654" "5451219" "5476702" "5496298" "5503908" "5527602" "5531731" "5531732" "5542942" "5546608" "5547531" "5549591" "5554239" "5569233" "5591155" "5595567" "5603708" "5605735" "5606781"	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:38
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S74	9	("4747846" "5246433" "5531732" "5575784").PN. OR ("6302871").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:39
S75	6	("3995639" "4917929" "5147347" "5151092" "5242436" "5312387").PN. OR ("6267836").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:39
S76	36	("3893460" "3901236" "3937221" "4076663" "4286082" "4290174" "4322875" "4662037" "4663220" "4699823" "4704116" "4753646" "4916005" "4938753" "5019073" "5040275" "5226992" "5288546" "5304162" "5374262" "5386595" "5399219" "5423789" "5486166" "5490846" "5540796" "5562650" "5595618" "5605735" "5606781" "5624429" "5858515" "5897546" "5933927").PN. OR ("6210389").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:39
S77	20	("3561446" "3847702" "4964860" "4998929" "5032122" "5143679" "5156793" "5167897" "5256231" "5326612" "5429856" "5470417" "5505852" "5527304" "5593401" "5607416" "5614281").PN. OR ("6051094"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:40
S78	30	("4704114" "4847134" "4884323" "5496298" "5527302" "5695488" "5722127" "5873868" "5873870").PN. OR ("5957908"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:40
S79	61	("3955575" "4596568" "4610682" "4643932" "4884323" "4936840" "4938753" "4938757" "4940464" "5069678" "5087253" "5106385" "5246433" "5330458" "5370634" "5496298" "5527302" "5722127").PN. OR ("5897545").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:40

S80	94	("2738789" "2834347" "3089494" "3221738" "3620217" "3800796" "3901236" "3948258" "3948267" "3950824" "3967624" "4010753" "4034752" "4051853" "4060085" "4063559" "4066081" "4074716" "4076663" "4090516" "4158363" "4186744" "4209016" "4237889" "4286082" "4299223" "4389212" "4500316" "4556595" "4633565" "4655761" "4663220" "4699823" "4701170" "4701176" "4704115" "4704116" "4743242" "4753646" "4753648" "4753649" "4773906" "4787897" "4795510" "4820296" "4826499" "4834742" "4842596" "4850988" "4883481" "4887339" "4894060" "4895569" "4911702" "4916005" "4938753" "4955113" "4984339" "5019073" "5024672" "5040525" "5092862" "5141790" "5147347" "5158557" "5170505" "5226992" "5242436" "5269776" "5279604" "5288546" "5399219" "5407439" "5482588" "5487809" "5549592").PN. OR ("5876531").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:40
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S82	13	("3089494" "4690719" "4760764" "4850988" "5034007" "5110386" "5399219" "5453143").PN. OR ("5725714").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:41
S83	25	("3875837" "4012268" "4670960" "4690719" "4704115" "4760764" "4862574" "4911777" "4938753" "4940464" "4980007" "5034007" "5110386" "5156793" "5167897" "5354400" "5354408" "5399219" "5580411").PN. OR ("5683533"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:41
S84	85	("2244422" "2509674" "3265765" "3365315" "3479425" "3485912" "3557265" "3560292" "3562356" "3616770" "3639917" "3694815" "3700633" "3800796" "3860003" "4116917" "4152387" "4156673" "4177812" "4197069" "4227952" "4239578" "4261782" "4300562" "4300967" "4309236" "4324245" "4352355" "4371417" "4381781" "4386125" "4389212" "4418123" "4462819" "4476180" "4486192" "4573991" "4626305" "4643729" "4681580" "4687477" "4710189" "4767726" "4778701" "4813947" "4834820" "4880682" "4880706" "4938753" "4940464" "4958757" "5156793" "5332616" "5344691" "5354597" "5399219" "5429856" "Re22038" "Re31922").PN. OR ("5620780"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:42
S85	25	("3848594" "3926190" "4923456" "5312387").PN. OR ("5603708").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:42

S86	54	("2714889" "3616114" "3776234" "3848594" "3862634" "3893460" "3901236" "3931666" "3937221" "3948258" "3948267" "3948268" "3978860" "3999545" "4005712" "4005713" "4010753" "4047530" "4049001" "4050462" "4051853" "4055182" "4058125" "4067337" "4074716" "4076663" "4136698" "4144887" "4186744" "4210144" "4227530" "4286082" "4299223" "4522853" "4540415" "4552560" "4568344" "4699823" "4704116" "4726971" "4753646" "4753649" "4778701" "4801480" "4883480" "4916005" "5024672" "5034007").PN. OR ("5516567").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:42
S87	65	("1989283" "2545761" "2558215" "2571577" "2684677" "2743725" "3349769" "3386443" "3563242" "3568676" "3653381" "3838693" "3955575" "4475912" "4537591" "4578073" "4680030" "4681581" "4695278" "4704117" "4728326" "4773906" "4801298" "4808177" "4850987" "4961736" "5069672" "5137526" "5209743" "5217447" "Re28483").PN. OR ("5409476"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:42
S88	44	("2477914" "3110312" "3530859" "3999545" "4581772" "4869724" "4894060").PN. OR ("5401275"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:42

S89	162	("2714889" "3616114" "3862634" "3948267" "3948268" "4029098" "4050462" "4051853" "4055182" "4066081" "4074716" "4076663" "4237890" "4286082" "4522853" "4568344" "4585447" "4595441" "4643729" "4663220" "4704116" "4726971" "4753646" "4753649" "4778701" "4787897" "4795456" "4801480" "4826499" "4857067" "4911702" "4916005" "4938753" "4978570" "5024672" "5032119" "5034007" "5057097" "5092862" "5106384" "5110386" "5176670" "5176672" "5192606" "5226992" "5288546" "5312387" "5330598").PN. OR ("5399219").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:43
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S90	185	("1245655" "1494044" "2516951" "2548162" "2564094" "2566139" "2827052" "3081772" "3110312" "3141461" "3150664" "3196511" "3359980" "3441024" "3441025" "3452753" "3455303" "3460535" "3530859" "3618608" "3653381" "3728191" "3882871" "3955575" "4051854" "4145763" "4171239" "4241462" "4259957" "4299223" "4315508" "4338938" "4340563" "4388075" "4402690" "4405297" "4410327" "4445242" "4475912" "4516975" "4568342" "4578072" "4578073" "4589878" "4592118" "4596568" "4597760" "4597761" "4608115" "4610680" "4610682" "4615695" "4617022" "4623339" "4630320" "4641381" "4662037" "4663220" "4670012" "4680030" "4681581" "4704117" "4710414" "4728326" "4745926" "4753649" "4761318" "4770917" "4773906" "4776068" "4781966" "4794028" "4798603" "4801298" "4834742" "4835795" "4846815" "4847134" "4854136" "4869724" "4870725" "4884713" "4886512" "4887338" "4887339" "4891868" "4894060" "4904249" "4908025" "4909802" "4909879" "4932950" "4936840" "4937887" "4938754" "4963140" "4964860" "4973326" "4981480" "4988346" "4994054" "5019073" "5021111" "5026450" "5032122" "5049145" "5100399" "5125246" "5193225" "5209743" "5318555").PN. OR ("5386595").	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:43
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S91	48	("3848594" "5085655" "5154715" "5176670").PN. OR ("5312387").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:43
S92	27	("3000384" "3430300" "4149540" "4553293" "4672722" "4759963" "4815172" "4878274" "4893381" "4939818" "4955981" "5048158" "5104076" "5142743" "5168603" "5312387" "5603708" "5604961" "5802676" "5913483" "6044525" "6205623" "6349904" "6467132" "6588074").PN. OR ("6763554"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:43
S93	79	("2714889" "3616114" "3776234" "3848594" "3862634" "3893460" "3901236" "3931666" "3937221" "3948258" "3948267" "3948268" "3978860" "3999545" "4005712" "4005713" "4010753" "4047530" "4050462" "4051853" "4055182" "4058125" "4067337" "4074716" "4076663" "4136698" "4144887" "4186744" "4210144" "4227530" "4286082" "4299223" "4522853" "4540415" "4568344" "4699823" "4704116" "4726971" "4753646" "4753649" "4801480" "4883480" "4916005" "5024672" "5034007").PN. OR ("5288546"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:44
S94	41	("2499898").URPN.	USPAT	OR	ON	2004/11/20 14:44

S95	26	("0729305" "3403429" "3501774" "3765694" "4428101" "4514882" "4553293" "4571854" "4571856" "4780936" "4878274" "4879787" "4999888" "5016327" "5040274" "5042119" "5131108" "5170573" "5416987" "5430960" "5778500" "D270779").PN. OR ("6295704").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:45
S96	22	("0521686" "0540661" "0610394" "0628335" "0720450" "2861276" "3046564" "4258440" "4300568" "4879766" "4914756" "4917651" "5032104" "5111807" "5624296").PN. OR ("6253424"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:45
S97	6	("4012544" "4653582" "5108384" "5537722" "5605735" "5624429").PN. OR ("6195850").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:46
S98	29	("4114838" "4229924" "4470174" "4629977" "4690476" "4854015" "4957450" "5015251" "5024402" "5048158" "5075933" "5075934" "5104335" "5133671" "5167524" "5168603" "5336107").PN. OR ("5732445"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:46
S99	15	("2214030" "2748517" "3453696" "3851357" "3940873" "5048160").PN. OR ("5655268").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:46
S10 0	16	("3708833" "3762000" "4984339" "5131119" "5315740").PN. OR ("5604963"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:46
S10 1	7	("3266113" "5040275" "5212853").PN. OR ("5596794"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:46
S10 2	26	("1780407" "3578545" "4047505" "4609245").PN. OR ("4722477").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:47

S10 3	16	("3638651" "3646937" "3856008" "3869761" "4036233" "4662875" "4923456" "4936840" "5019070" "5133707" "5275588" "5324279" "5342344" "5531731" "5897546" "6045543").PN. OR ("6733483").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:47
S10 4	21	("3618608" "4402690" "4728326" "4917693" "5032119" "5069672" "5106382" "5106385" "5112326" "5135522" "5261901" "5304162" "5318555" "5370632" "5374262" "5386595" "5403303" "5423789" "5445628").PN. OR ("6241716"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:47
S10 5	52	("2294617" "2834347" "3983876" "3990449" "4010754" "4034752" "4090516" "4209016" "4410326" "4500316" "4753650").PN. OR ("4850988"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:47
S10 6	1643	S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45 S46 S47 S48 S49 S50 S51 S52 S53 S54 S55 S56 S57 S58 S59 S60 S61 S62 S63 S64 S65 S66 S67 S68 S69 S70 S71 S72 S73 S74 S75 S76 S77 S78 S79 S80 S81 S82 S83 S84 S85 S86 S87 S88 S89 S90 S91 S92 S93 S94 S95 S96 S97 S98 S99 S100 S101 S102 S103 S104 S105	US-PGPUB; USPAT	OR	ON	2004/11/20 14:49

S10 7	87	(US-20010000361-\$ or US-20030029057-\$ or US-20030167605-\$ or US-20030221858-\$ or US-20040040125-\$ or US-20040087929-\$ or US-20040073188-\$ or US-20030216708-\$ or US-20030216707-\$ or US-20030100879-\$ or US-20030009144-\$ or US-20020138064-\$ or US-20020138059-\$ or US-20020123734-\$ or US-20020095131-\$ or US-20020016581-\$ or US-20030087059-\$ or US-20030049407-\$ or US-20030044569-\$ or US-20040097896-\$ or US-20020062117-\$).did. or (US-3872860-\$ or US-4565370-\$ or US-4745870-\$ or US-4775310-\$ or US-5015251-\$ or US-5255391-\$ or US-5295947-\$ or US-5300058-\$ or US-5313667-\$ or US-5383872-\$ or US-5403266-\$ or US-5423089-\$ or US-5457856-\$ or US-5518795-\$ or US-5569171-\$ or US-5634245-\$ or US-5643651-\$ or US-5669120-\$ or US-5702042-\$ or US-5742942-\$ or US-5887320-\$ or US-5971970-\$ or US-6080347-\$ or US-6099516-\$ or US-6135902-\$ or US-6185745-\$).did. or (US-6397393-\$ or US-6745500-\$ or US-6755809-\$ or US-6730069-\$ or US-6652497-\$ or US-6596107-\$ or US-6565549-\$ or US-6554816-\$ or US-6302871-\$ or US-6267836-\$ or US-6210389-\$ or US-6051094-\$ or US-5957908-\$ or US-5897545-\$ or US-5876531-\$ or US-5853405-\$ or US-5725714-\$ or US-5683533-\$ or US-5620780-\$ or US-5603708-\$ or US-5516567-\$ or US-5409476-\$ or US-5401275-\$ or US-5399219-\$ or US-5386595-\$ or US-5312387-\$ or US-5288546-\$).did. or (US-2499898-\$ or US-6295704-\$ or US-6253424-\$ or US-6195850-\$ or US-5732445-\$ or US-5655268-\$ or US-5604963-\$ or US-5596794-\$ or US-4722477-\$ or US-6733483-\$ or US-6241716-\$ or US-4850988-\$ or US-6763554-\$).did.	US-PGPUB; USPAT	OR	ON	2004/11/20 14:50
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S10 8	1052	S106 not (S15 S18 S22 S107)	US-PGPUB; USPAT	OR	ON	2004/11/20 14:50
S10 9	31	("0147691" "0498913" "0770535" "1253521" "1500153" "2833016" "3214816" "3403429" "3875837" "4670960" "5060348" "5269776" "5312387" "5399219" "5487809" "5603708" "5768754" "5961761").PN. OR ("6230374").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 15:04
S11 0	27	("1741423" "1890471" "2299936" "2370036" "2954074" "3962900").PN. OR ("4670960").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 15:05

S11 1	106	("1424005" "1776353" "2709475" "3072123" "3180335" "3488778" "3527221" "3559648" "3566752" "3623927" "3636951" "3691570" "3699966" "3744383" "3744494" "3768530" "3776233" "3860003" "3871378" "3875837" "3878283" "3890973" "3929134" "4029101" "4040423" "4041950" "4210143" "4259958" "4325372" "4381782" "4425127" "4439260" "4490148" "4500316" "4518451" "4557777" "4595441" "4610751" "4666550" "4670011" "4670960" "4690719" "4704115" "4729814" "4731071" "4753645" "4756958" "4760764" "4781710" "4787896" "4795453" "4822435" "4834740" "4862574" "4869942" "4900317" "4917750" "4938753" "4940464" "4950355" "4960477" "4994052" "5007906" "5021051" "5034007" "5064489" "5080741" "5102487" "5110386" "5123316" "5134007" "5151091" "5156793" "5165979" "5167897" "5295988" "5300054" "5354400" "5399219" "5580411").PN. OR ("5705013").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 15:06
S11 2	41	("3623927" "3875837" "4670960" "4690719" "4704115" "4760764" "4862574" "4938753" "4940464" "5034007" "5110386" "5156793" "5167897" "5354400" "5399219").PN. OR ("5580411"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 15:09

S11 3	42	("4081301" "4249532" "4341216" "4534769" "4595441" "4666542" "4687477" "4699620" "4701172" "4701173" "4701175" "4710187" "4731066" "4753646" "4762582" "4883480" "4938754" "4950262" "5019066" "5026364" "5034007" "5037416" "5061261" "5098423" "5110386" "5133707" "5263948" "5263949" "5269775" "5399219" "5527303" "5531730" "5542942" "5558660" "5558661" "5571096" "5580411" "5593401" "5597437" "5628737" "5725714" "B14636207" "B14662875").PN. OR ("5985081").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 15:11
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S11 4	106	("2738789" "2834347" "3089494" "3221738" "3620217" "3800796" "3901236" "3948258" "3948267" "3950824" "3967624" "4010753" "4034752" "4051853" "4060085" "4063559" "4066081" "4074716" "4076663" "4090516" "4158363" "4186744" "4209016" "4237889" "4286082" "4299223" "4389212" "4500316" "4556595" "4655761" "4663220" "4699823" "4701170" "4701176" "4704115" "4704116" "4743242" "4753646" "4753648" "4753649" "4760764" "4773906" "4787897" "4795510" "4820296" "4826499" "4834742" "4842596" "4850988" "4883481" "4887339" "4894060" "4895569" "4911702" "4916005" "4938753" "4955113" "4984339" "5019073" "5024672" "5040525" "5092862" "5110386" "5141790" "5147347" "5158557" "5170505" "5226992" "5242436" "5269776" "5279604" "5399219" "5407439" "5540796" "5580411" "5595618" "5597437" "5624429" "5656111").PN. OR ("5759317"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 15:14
S11 5	24	("5312387" "5549592" "D368775" "D372532").PN. OR ("D384151").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 15:27